

Title (en)
AIRCRAFT WALL PANEL WITH NUT INSERT

Title (de)
FLUGZEUGWANDELEMENT MIT MUTTERNEINSATZ

Title (fr)
PAROI D'AVION AVEC INSERT ÉCROU

Publication
EP 3263919 A1 20180103 (EN)

Application
EP 17182101 A 20140131

Priority

- US 201361758910 P 20130131
- US 201414168718 A 20140130
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- US 2014014216 W 20140131

Abstract (en)
An aircraft wall panel (26) has a hole (28) going from a first (29) to a second side (31) and comprises a wide flange insert (12) located in the hole (28) for providing an attachment point for attaching and anchoring a component to the panel (26). A space in the hole (28) around the wide flange insert (12) is filled with adhesive material (32). A tubular nut (20) is disposed within the insert (12) as a floating nut.

IPC 8 full level
F16B 5/01 (2006.01); **F16B 5/02** (2006.01); **F16B 37/04** (2006.01); **F16B 11/00** (2006.01)

CPC (source: CN EP US)
F16B 5/01 (2013.01 - CN EP US); **F16B 5/02** (2013.01 - EP US); **F16B 11/00** (2013.01 - CN); **F16B 13/04** (2013.01 - CN); **F16B 13/10** (2021.08 - CN); **F16B 33/00** (2013.01 - US); **F16B 37/048** (2013.01 - CN EP US); **F16B 11/006** (2013.01 - CN EP US); **Y10T 29/49622** (2015.01 - EP US); **Y10T 29/4981** (2015.01 - EP US); **Y10T 29/49948** (2015.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
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DOCDB simple family (publication)
US 2014212241 A1 20140731; **US 9003662 B2 20150414**; CA 2899726 A1 20140807; CA 2899726 C 20180911; CN 104956096 A 20150930; CN 104956096 B 20170308; CN 106958574 A 20170718; CN 106958574 B 20211105; EP 2951446 A1 20151209; EP 3263919 A1 20180103; EP 3263919 B1 20210728; JP 2016512589 A 20160428; JP 2017138001 A 20170810; US 10018209 B2 20180710; US 2015204362 A1 20150723; WO 2014121105 A1 20140807

DOCDB simple family (application)
US 201414168718 A 20140130; CA 2899726 A 20140131; CN 201480006133 A 20140131; CN 201710020173 A 20140131; EP 14705912 A 20140131; EP 17182101 A 20140131; JP 2015556180 A 20140131; JP 2017026848 A 20170216; US 2014014216 W 20140131; US 201514676552 A 20150401